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28 April 1960

MEMORANDUM FOR: Chief, Technical Services Division

SUBJECT : Request for Change in Scope with Additional Work
and Additional Funds under Task 16 of Contract RD-132
(ED-175K ASA, T&E Program)

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1. Description of the Project

This project is to test and evaluate the new Latching Radio Switch System (LRS-1).

2. Purpose of the Project

A program similar to the present program was begun in May 1959 with a portion of the system using Germanium transistors. These transistors caused the equipment to be unreliable when operated under high temperature field conditions. To alleviate this problem a new design was produced using silicon transistors. Due to these developments the test and evaluation of the original equipment was halted.

It is the purpose of the present program to evaluate the latest LRS-1 system as we had planned to evaluate the original system before its failure in the field.

The LRS-1 system is designed to

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It will be tested under various environmental conditions, rough handling, etc. However, the most important information we wish to derive from this program is the reliability and operational suitability of this system for Agency requirements.

3. Recommended Contractor

The recommended contractor for this project is

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4. Support Requirements

There are no support requirements necessary from other Government agencies. This program has been fully coordinated with TSD/ASB and TSD/APB.

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5. Total Cost

The total estimated additional funds required under this Task is \$9,155.00 for a fifteen months period of performance. Charges are to be made against Allotment Number 0525-1009-4901.

6. Security Information

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7. Project Engineer

The project engineer for this program is Room 210,
West Outbuilding,

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Chief
TSD/Engineering Branch

DD/P/TSD/EB/

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Distribution:

Orig - ED-175K when ret'd from C/TSD
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